IN THE CLAIMS

Please amend claims 1, 9, 13, 19 and 21-23, as set forth below.

Please cancel claim 10.

The text of all pending claims, along with their current status, is set forth below:

1. (Currently amended) A remote server management controller, comprising:

an external communication interface adapted to communicate according to a first communication protocol and to receive data from a remote user;

an input/output processor (IOP) adapted to:

receive data from the external communication interface; and

transmit data corresponding to the data received from the external communication interface to an operating system (OS) of a managed server; and

a virtual communication device (VCD) interface adapted to:

intercept data received from the OS, the data being in a format that is not compatible with the first communication protocol, the data not being addressed to the external communication interface;

format the data for transmission according to the first communication protocol; and

to redirect the formatted data to the external communication interface instead of a specific communication interface to which the data was addressed. ~~the VCD interface comprising a pre-defined standard communication interface, the data received from the OS being intended for a specific~~

~~communication interface, and to redirect the data received from the OS to the remote user via the external communication interface instead of directing the data received from the OS to the specific communication interface.~~

2. (Original) The remote server management controller of claim 1, wherein the specific communication interface is a UART interface of the managed server.

3. (Original) The remote server management controller of claim 1, wherein the specific communication interface is a USB host controller of the managed server.

4. (Original) The remote server management controller of claim 1, wherein data received from the user over the external communication interface is transmitted to the OS of the managed server via a UART interface.

5. (Original) The remote server management controller of claim 1, wherein data received from the user over the external communication interface is transmitted to the OS of the managed server via a USB interface.

6. (Original) The remote server management controller of claim 1, wherein the specific communication interface is a 1394 interface of the managed server.

7. (Original) The remote server management controller of claim 1, wherein data received from the user over the external communication interface is transmitted to the OS of the managed server via a 1394 interface.

8. (Original) The remote server management controller of claim 1, wherein the external communication interface is an Ethernet interface.

9. (Currently amended) A remote server management controller, comprising:

an input/output processor (IOP) adapted to monitor interrupt data transmitted from a super I/O (SIO) to a southbridge, to alter the interrupt data transmitted from the SIO based on input received from an external user via an external communication interface that is adapted to communicate according to a first communication protocol and to transmit the altered interrupt data to a managed server; and

a virtual communication device (VCD) that is adapted to: ~~that comprises a pre-defined standard communication interface, the VCD being adapted to:~~

intercept responsive data intended to be transmitted to the SIO in response to the altered interrupt data, the responsive data being in a format that is not compatible with the first communication protocol; [[and]]

prevent the responsive data from reaching the SIO[[.]];

format the responsive data for transmission according to the first communication protocol; and

redirect the formatted data to the external communication interface instead of a specific communication interface to which the responsive data was addressed.

10. (Canceled)

11. (Original) The remote server management controller of claim 9 wherein the input received from the external user is adapted to emulate an interrupt generated by a device in the managed server.

12. (Original) The remote server management controller of claim 9 wherein the external communication interface is an Ethernet interface.

13. (Currently amended) A method of remotely retrieving data from an operating system (OS), the method comprising the acts of:

receiving a request for OS information from a remote user via an external communication interface that is adapted to communicate according to a first communication protocol;

transmitting the request for OS information to the OS via a virtual communication device (VCD) interface; ~~comprising a pre-defined standard communication interface;~~

receiving, via the VCD interface, data responsive to the act of transmitting the request to the OS, the responsive data being in a format that is not compatible with the first communication protocol, the responsive data not being addressed to the

external communication interface; and ~~intended for a specific communication interface; and~~

formatting the responsive data for transmission according to the first communication protocol; and

redirecting the formatted data to the external communication interface instead of a specific communication interface to which the data was addressed.

~~redirecting the data received from the OS responsive to the act of transmitting the request to the OS to the remote user, instead of to the specific communication interface.~~

14. (Original) The method of claim 13 wherein the specific communication interface is a UART interface.

15. (Original) The method of claim 13 wherein the specific communication interface is a USB interface.

16. (Original) The method of claim 13 wherein the specific communication interface is a 1394 interface.

17. (Original) The method of claim 13 further comprising the act of enabling an Ethernet interface to receive the request for OS information.

18. (Original) The method of claim 13 further comprising the act of initiating an out-of-band management communication session.

19. (Currently amended) The method of claim 13 further comprising the act of enabling [[a]] the VCD to transmit the request for OS information to the OS.

20. (Original) The method of claim 13 wherein the recited acts are performed in the recited order.

21. (Currently amended) The remote server management controller of claim 1, wherein the format that is not compatible with the first communication protocol ~~pre-defined standard communication interface~~ comprises a USB interface.

22. (Currently amended) The remote server management controller of claim 9, wherein the format that is not compatible with the first communication protocol ~~pre-defined standard communication interface~~ comprises a USB interface.

23. (Currently amended) The method of claim 13, wherein the format that is not compatible with the first communication protocol ~~pre-defined standard communication interface~~ comprises a USB interface.